

CHAPARRAL ENERGY

SHIDLER DISTRICT

WELL COMPLETION SKETCHES

N.B.U.3-W27

WELL

E.P.A.# OS 0128

NORTH BURBANK UNIT

FIELD

2/10/2014

DATE

PRESENT COMPLETION

SUGGESTED COMPLETION

LEGAL: 420' FNL, 730' FEL SE/4
SEC. 3-27N-5E, Osage Co, Ok.

PERMANENT WELL BORE

KB: 1,082'

GL: 1,074'

8 5/8" 32# @ 122' Cemented
W/95 sks Reg Cement to Surface

4 1/2" 9.5# Set @ 2,936'
Cement W/75 Sks Reg 30% DD
2% CC.
TOC. 1,700' from Temp Surv.

Ran 90 jts of 3-1/2" ultra flush 9.30#,
bottom 3 jts are chrome. Set floatshoe
at 2869' & pumped 150 sks reg w/2% gel
Ran 320' of 1" pipe between
8-5/8" x 4-1/2" & pumped 150 sks
& circulate cement to surface

ZONE:

BURBANK FORMATION

2,938' to 2,985'

SAND:

COMPLETED DRILLED HOLE

ORIGINAL COMPLETION

DATA ON THIS COMPLETION

D&C 12/24/1964

IP: 470 BWPD on Vac.

INITIAL TRTMNT: 125 gals

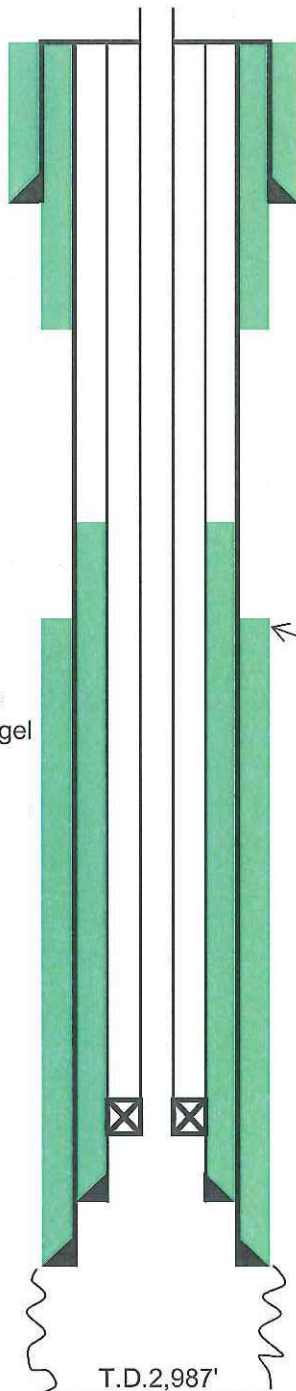
Mud Acid

TOC @ 1700'

1/22/2014, RIH w/ 2 1/16"

injection string & Arrow

pkc set @ 2,867'



CHAPARRAL ENERGY

SHIDLER DISTRICT

WELL COMPLETION SKETCHES

N.B.U.3-W28

WELL

E.P.A.# OS 0129

NORTH BURBANK UNIT

FIELD

2/11/2014.

DATE

USDW: 201'

■ PRESENT COMPLETION

— SUGGESTED COMPLETION

PERMANENT WELL BORE

KB: 1,107.52'

GL: 1,100.02'

ALL MEASUREMENTS K.B.

LEGAL: 420' FNL, 135' FEL SE/4

SEC. 3-27N-5E, Osage Co, Ok.

8-5/8" 32# SET @ 121'

CMTD W/90 SX REG CMT

TOC @ SURFACE

4-1/2" 9.5# SET @ 2,936'

CMTD W/75SX CLASS A

TOC @ 1,750'(TEMP SURVEY)

3 1/2" 9.3# LINER @ 2,904'

(BOTTOM 3 JTS CHROME LINED)

CMTD W/340 SXS

TOC @ SURFACE

87 JTS-2 1/16" INJECTION STRING

AS-1X PKR @ 2,864'.

ZONE:

SKINNER SAND: 2,904' TO 2,918'

BURBANK FORMATION

2,954' To 3,003'

SAND:

COMPLETED DRILLED HOLE

— ORIGINAL COMPLETION

DATA ON THIS COMPLETION

D&C: 12/21/1964

IP: NONE

INITIAL TRTMNT: 125 gals

Mud Acid

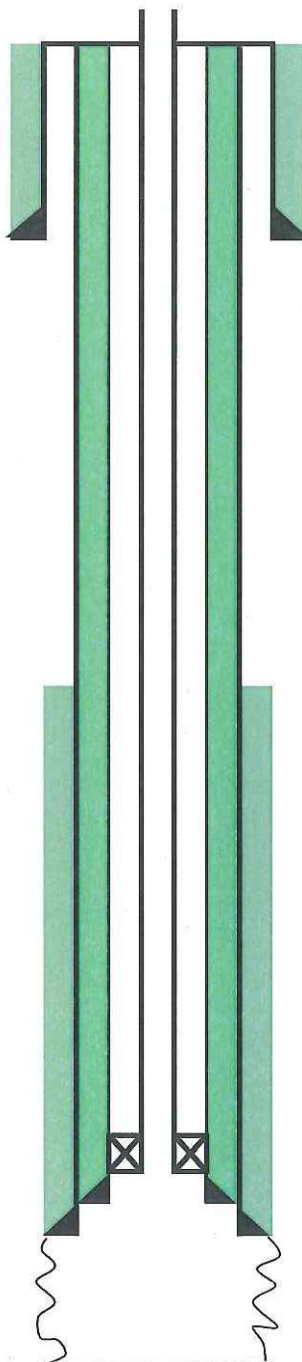
STARTED INJECTION 3/21/64
500 BPD DOWN CSG.

7/30/1967, Run 4 1/2" Larkin
pkr & 95 jts 2 3/8" tub. Set pkr
at 2,912' inject 1,000 BPD @
480 psi.

8/18/1988, unseat packer and
run 3 jts 2 3/8" tub and run pkr
out bottom of casing.

Install FLMD, 3/17/1989

NOTE: MAY WANT TO LOOK
AT SKINNER ZONE @ 2,904'
Logs calculate 18-20%
Porosity and 40 to 45% SW



T.D.3,011'

CHAPARRAL ENERGY

SHIDLER DISTRICT

WELL COMPLETION SKETCHES

N.B.U.4W26

WELL

E.P.A.# OS 0135

NORTH BURBANK UNIT

FIELD

2/11/2014.

DATE

USDW: 207'

■ PRESENT COMPLETION

— SUGGESTED COMPLETION

PERMANENT WELL BORE

KB:1114.42'

GL:1107.32'

ALL MEASUREMENTS K.B.

Legal: 420' FNL, 1,300' FWL, SW/4

Sec, 2-27N-5E, Osage Co, Ok.

8-5/8" 32# SET @ 121'

CMTD W/80 SX REG CMT
TO SURFACE

4-1/2" 9.5# SET @ 2,963'

CMTS W/75SX CLASS A
W/30% DD & 2% CC

6/6/2007, run 3 1/2" FJ casing to
2,944', cement W/ 150 sks reg
2 % gel. Run & cement down 322'
1" tubing between 4 1/2" & 8 5/8"
W/ 129 sks reg cement, cement to
surface.

1/24/2014.

3 1/2" packer set @ 2,897' on 89 jts
2 1/16" ceramic lined tubing.

IPC Arrow packer W/SL Sheer

Test annulus to 500 psi, tested OK.

ZONE:

BURBANK FORMATION

2,952' to 3,002'

COMPLETED DRILLED HOLE

From 2,963' to 3,011'

■ ORIGINAL COMPLETION

DATA ON THIS COMPLETION

D&C 12/22/64

IP: NONE

INITIAL TRTMNT: 12/22/1964

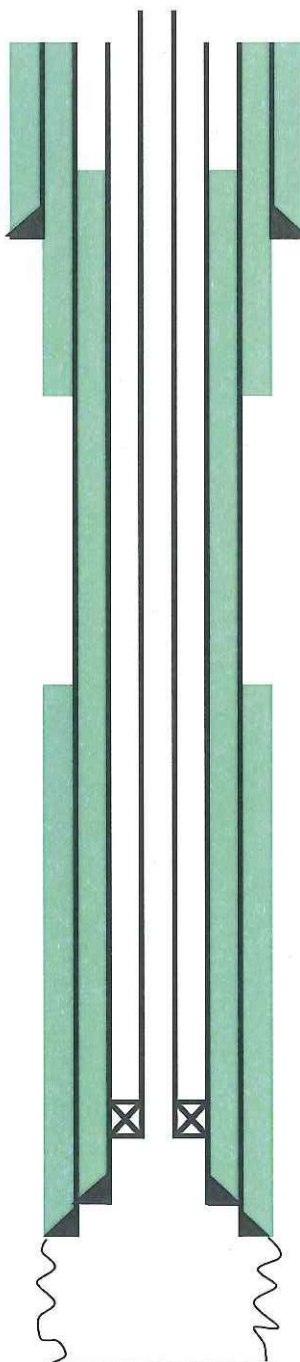
125 gals Mud acid

STARTED INJECTION 12/23/64
410BPD DOWN CSG. WELL
WAS INJECTED DOWN CSG
UNTIL 1967.

TA'd WELL 1977

TOC on 4 1/2" @ 1,760'

Installed FLMD, 12/2/1988



T.D.3011'

CHAPARRAL ENERGY

SHIDLER DISTRICT

WELL COMPLETION SKETCHES

N.B.U.4W28

NORTH BURBANK UNIT

2/11/2014.

WELL
E.P.A.# OS 0137

FIELD

DATE

USDW: 182'

PRESENT COMPLETION

ORIGINAL COMPLETION

SUGGESTED COMPLETION

PERMANENT WELL BORE

DATA ON THIS COMPLETION

KB:1089'

GL:1082'

D&C 12/21/64

IP: NONE

ALL MEASUREMENTS K.B.

INITIAL TRTMNT: NONE

8-5/8" 32# SET @ 116'

CMTD W/80 SX REG CMT
TO SURFACE

STARTED INJECTION 12/22/64

432BPD DOWN CSG. WELL
WAS INJECTED DOWN CSG
UNTIL 1966.

4-1/2" 9.5# SET @ 2948'

CMTS W/75SX CLASS A
W/30% DD & 2% CC

TA'd WELL IN 1988

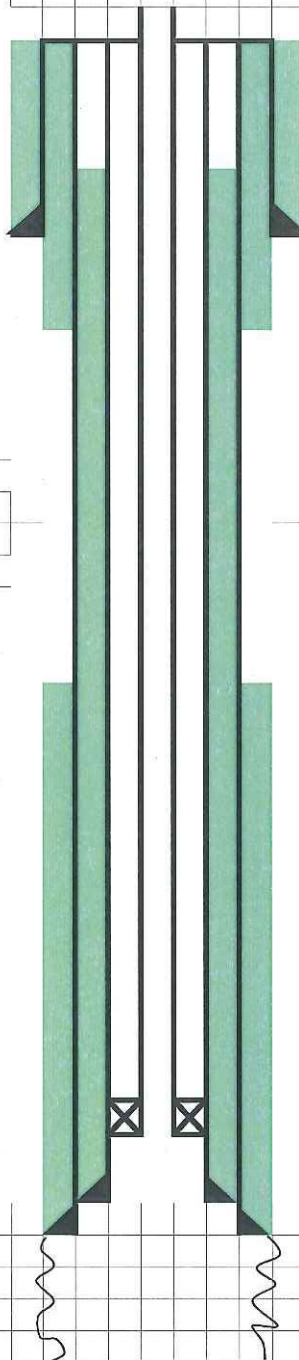
2/23/2007, Cemt 3 1/2" Liner W/
150 sks Reg Cemt2 % gel @ 2,939',
Cemt Between 4 1/2" & 8 5/8"
from 290' to Surface W/ 180 sks Reg.

5-7-03 CALUMET RAN 87JTS
SEAL TITE TBG W/4-1/2" PKR
STARTED INJECTION AND
WELL SURFACED THE NEXT
DAY. TA'd WELL.

2/5/2014, Set 3 1/2" Pkr on 89 jts
2 1/16" Ceramco Tubing @ 2,904'

ZONE:
BURBANK FORMATION
2944'--2991'

SAND:
COMPLETED DRILLED HOLE



T.D.3005'

CHAPARRAL ENERGY

SHIDLER DISTRICT

WELL COMPLETION SKETCHES

N.B.U. 8-W28

NORTH BURBANK UNIT

2/11/2014.

WELL

FIELD

DATE

E.P.A.# OS 0156

USDW: 190'

PRESENT COMPLETION

ORIGINAL COMPLETION

SUGGESTED COMPLETION

WELL CLASS: INJECTION

PERMANENT WELL BORE

KB:1097.02'

GL:1089.52'

Legal: 410' FNL, 105' FEL, NE/4
Sec 10-27N-5E, Osage Co, Ok.

DATA ON THIS COMPLETION

D&C 6/64

IP: NONE

INITIAL TRTMNT: NONE

ALL MEASUREMENTS K.B.

STARTED INJECTION 1964
360BPD DOWN CSG. WELL
WAS INJECTED DOWN CSG
UNTIL 1967.

8-5/8" 32# SET @ 111'
CMTD W/80 SX REG CMT
TO SURFACE

4-1/2" 9.5# SET @ 2976'
CMTS W/75SX CLASS A
W/30% DD & 2% CC

TOC @ 2,200' outside 4 1/2"

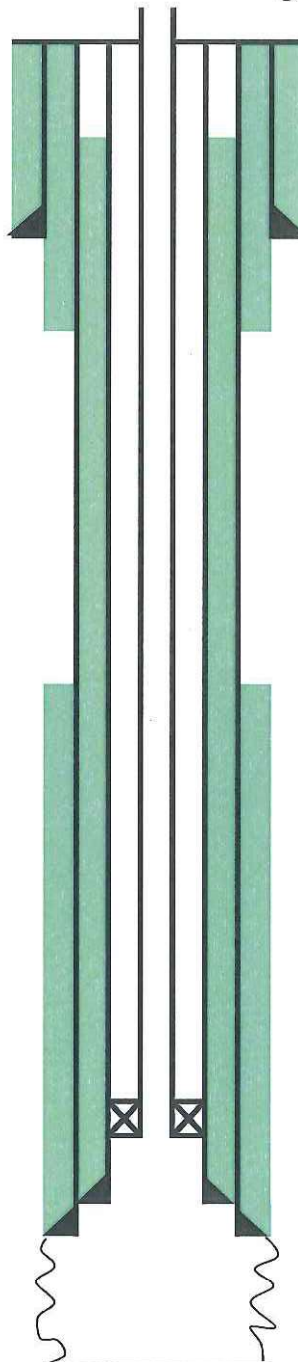
8/10/07, Ran 2,930' of 3 1/2" liner,
cmt'd w/150 sxs Reg cmt. 1" cmt to
surface w/84 sxs Regular cmt.

January 2010 injection rate,
1,845 bwpd @ 60 PSI

1/8/14: Set packer on 89 jts 2 1/16"
coated tubing @ 2,915'

ZONE:
BURBANK FORMATION
2967'--3029'

SAND:
COMPLETED DRILLED HOLE
Open hole cored & reamed



T.D.3029'

CHAPARRAL ENERGY

SHIDLER DISTRICT

WELL COMPLETION SKETCHES

N.B.U. 10-W25

WELL

E.P.A.# OS 0176


NORTH BURBANK UNIT

FIELD

01/22/2013.

DATE

 PRESENT COMPLETION

 SUGGESTED COMPLETION

PERMANENT WELL BORE

KB:1150'

GL:1142'

ALL MEASUREMENTS K.B.

LEGAL: 420' FNL, 550' FWL NE/4
Sec 11-27N-5E, Osage Co, Ok.

8-5/8" 32# SET @ 113'
CMTD W/80 SX REG CMT
TO SURFACE

4-1/2" 9.5# SET @ 3015'
CMTS W/75SX CLASS A
W/30% DD & 2% CC

TOC @ 1900'

3/16/2007, run 3 1/2" 9# casing
to 2,982' & cement W/ 150 sks
reg cement, 2% gel, run 300' 2 1/16"
between 4 1/2" & 8 5/8" & cement W/
119 sks reg cement to surface.

3/23/2007, Run 92 jts 2 1/16" Ceramic
lined tubing W 3 1/2" Arrow packer &
set @ 2,957'

ZONE:

BURBANK FORMATION

3005'--3054'

SAND:

COMPLETED DRILLED HOLE

 ORIGINAL COMPLETION

DATA ON THIS COMPLETION

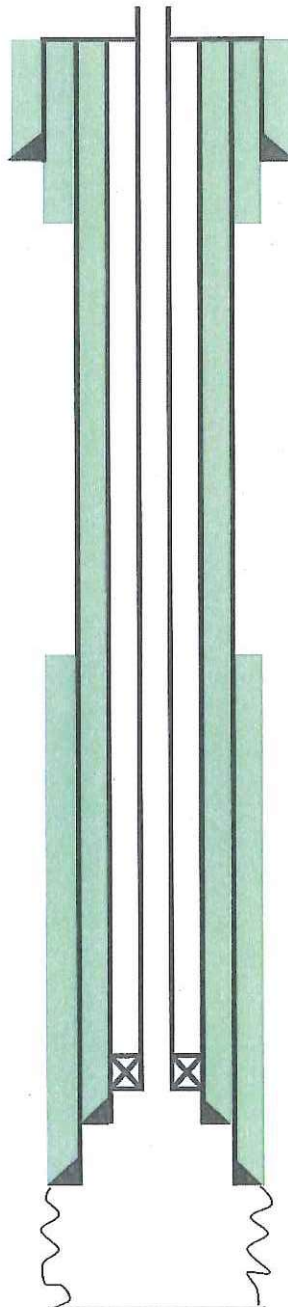
D&C 5/21/64

IP: 328 bwpd on vac

INITIAL TRTMNT: 125 gals

Mud Acid

STARTED INJECTION 6/11/64
271BPD DOWN CSG. WELL
WAS INJECTED DOWN CSG
UNTIL 1967.



T.D.3054'

CHAPARRAL ENERGY SHIDLER DISTRICT

WELL COMPLETION SKETCHES

N.B.U.14-W24

WELL

E.P.A.# OS 0201

NORTH BURBANK UNIT

FIELD

USDW: 210'

2/11/2014

DATE

 PRESENT COMPLETION

SUGGESTED COMPLETION

PERMANENT WELL BORE

KB: 1,127'

GL: 1,120'

All Measurements From RKB

Legal: 890' FSL, 75' FEL, SE/4
Sec. 10-27N-5E, Osage Co. Ok.

8 5/8" 32# @ 120' Cemented W/
110 Sks Reg Cement, 2% CC
4/28/2011, Cement down 1" tbg
between 4 1/2" & 8 5/8" W/
180 sks reg cement.

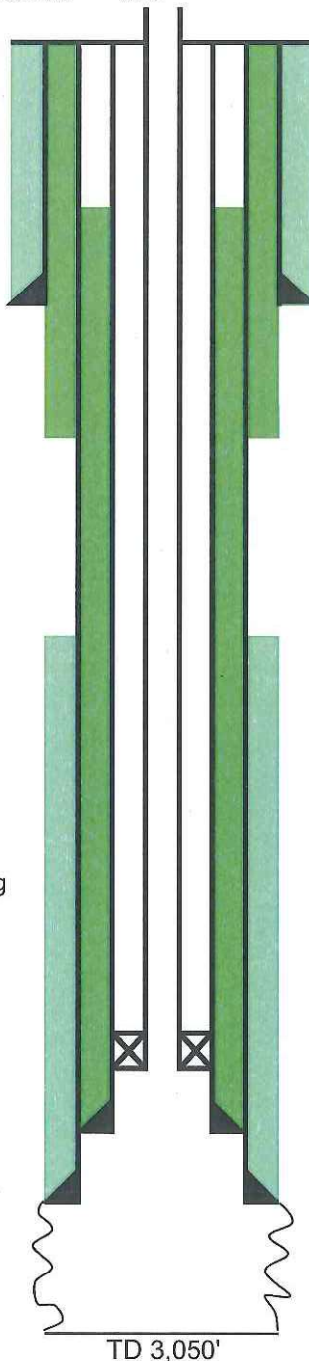
4 1/2" 9.5# @ 2,986' cemented w/
75 Sks reg. 30% Diacel D.

4/27/2011: Run 3 1/2" 9.3# casing
at 2,960' W/ bottom 3 joints chrome.
Cmt'd w/150 sks reg 2% gel cmt.

2/5/2014: Run 90 jts 2 1/16" coated tbg
& 3 1/2" Arrow pkr, set pkr @ 2,940'.

BURBANK FORMATION
2,986'-3,048'

COMPLETED OPEN HOLE



Well Class: Injection

ORIGINAL COMPLETION

D&C 7/2/1980

IP:

8 5/8" @ 120'

INITIAL TREATMENT:

7/25/1963, 125 gals MCA

7/25/1963, Start Water Inj
370 bwpd on Vac

T.A.d in 1988 due to casing
leaks.

TOC: 1,700, Temp Survey

4 1/2" @ 2,986'

CHAPARRAL ENERGY

SHIDLER DISTRICT

WELL COMPLETION SKETCHES

15-W22
WELL
E.P.A.# 0206

NORTH BURBANK UNIT
FIELD

9/12/2012
DATE

■ PRESENT COMPLETION
___ SUGGESTED COMPLETION

Legal: 890' FSL, 1,245' FWL,
SW/4 Sec 11-27N-5E, Osage, Co.

K.B.1125.57'
G.L.1118.07'

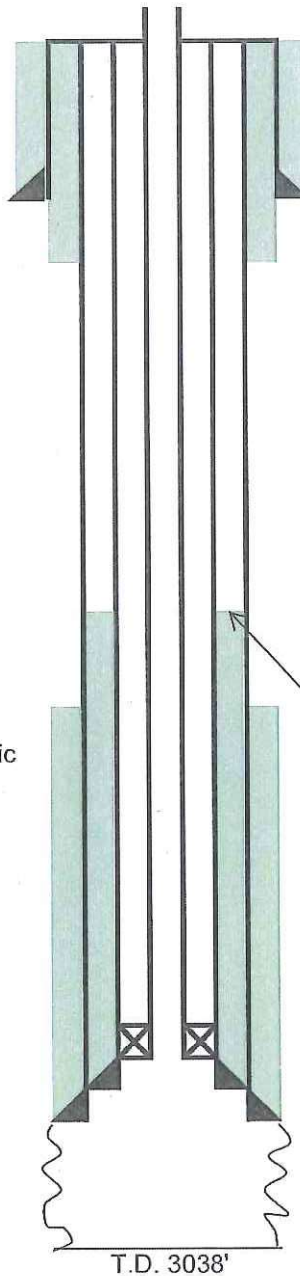
8-5/8" 32# SET @ 105'
CMTD W/100SX REG

4-1/2" 9.5# SET @ 2990'
CMTD W/75SX REG &
30% DD T.O.C.1750'

12/17/08, Cement 3 1/2" liner @
2,952' W/ 150 sks reg 2 % gel,
circulate cement between 4 1/2'
& 8 5/8" from 320' to surface

08/03/2012, Ran 90 jts 2-1/16" ceramic
lined tbg & 3-1/2" Arrow pkr
Set pkr @ 2938'

ZONE:
BURBANK FORMATION
2,980' to 3,037'
SAND:
COMPLETED DRILLED HOLE



___ ORIGINAL COMPLETION

DATA ON THIS COMPLETION

D&C 7/19/1963
IP: DRLD. AS WIW

FLMD Installed 1/13/1989

4-1/2" csg @ 2990'
TOC @ 1,750', temp Survey

3-1/2" @ 2952'
TOC: 1420' Calc

T.D. 3038'

CHAPARRAL ENERGY

SHIDLER DISTRICT

WELL COMPLETION SKETCHES

15-W25
WELL
E.P.A.# 0209

NORTH BURBANK UNIT
FIELD

2/11/2014
DATE

■ PRESENT COMPLETION
— SUGGESTED COMPLETION

— ORIGINAL COMPLETION

WELL CLASS: Injection

DATA ON THIS COMPLETION

Legal: 435' FNL, 545' FWL,
SW/4 Sec 11-27N-5E, Osage, Co.

K.B.1082.25'
G.L.1074.75'

D&C 11/1/1963
IP: DRLD. AS WIW

8-5/8" 32# SET @ 111'
CMTD W/90SX REG

4-1/2" 9.5# SET @ 2,936'
CMTD W/75SX REG &
30% DD T.O.C. 1,625'

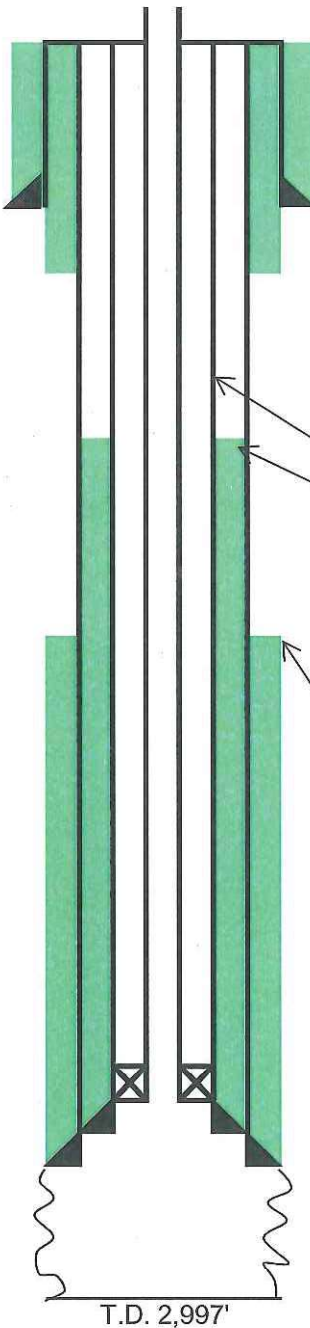
3 1/2" @ 2,911'
TOC @ 1379' Calc

1/13/06, Cement 3 1/2" liner @
2,911' W/ 200 sks reg 2 % gel,
circulate cement between 4 1/2'
& 8 5/8" from 270' to surface
W/150 sks reg cement

4 1/2" @ 2,936'
TOC @ 1,625', temp Survey

10/30/2013, RIH w/2-1/16" injection
string & 3-1/2" Arrow pkr set @ 2900'

ZONE:
BURBANK FORMATION
2,929' to 2,995'
SAND:
COMPLETED DRILLED HOLE



CHAPARRAL ENERGY

SHIDLER DISTRICT

WELL COMPLETION SKETCHES

N.B.U.16-W25

NORTH BURBANK UNIT

2/11/2014

WELL

FIELD

DATE

E.P.A.# OS 0218

Well Class: Injection

PRESENT COMPLETION

ORIGINAL COMPLETION

SUGGESTED COMPLETION

D&C 10/14/1963

PERMANENT WELL BORE

KB: 1152.35'

GL: 1144.85'

All Measurements From RKB

Legal: 420' FNL, 565' FWL, SE/4
Sec. 11-27N-5E, Osage Co. Ok.

8 5/8" 32# @ 113' Cemented W/
90 Sks Reg Cement

4 1/2" 9.5# @ 3,030' cemented w/
75 Sks reg. 30% Diacel D

11/18/2008, Set 3 1/2" liner @
2,999' and cement W/ 150 sks
reg cement 2% gel. Run 360' of 1"
between 4 1/2" and 8 5/8" casings
and cement to surface W/ 225 sks
regular cement.

11/06/2013, RIH w/2-3/8" ULT-FX tbg
& 3-1/2" Arrow 1X set @ 2943'

BURBANK FORMATION
3,013'-3,072'

COMPLETED OPEN HOLE

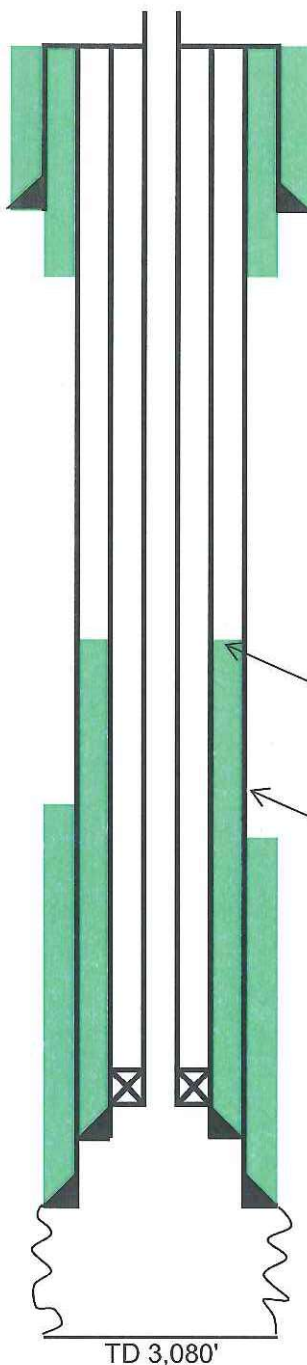
8 5/8" @ 113'

INITIAL TREATMENT:
11/12/1963 Acidize with 125
gals 15% Acid

4/4/1989 Install FLMD

3-1/2" @ 2,999'
TOC: 1460' Calc

4 1/2" @ 3,030'
TOC @ 1,750'



TD 3,080'

CHAPARRAL ENERGY

SHIDLER DISTRICT

WELL COMPLETION SKETCHES

N.B.U.16-W27

NORTH BURBANK UNIT

2/11/2014

WELL

FIELD

DATE

E.P.A.# OS 0220

USDW: 229'

Well Class: Injection

PRESENT COMPLETION

SUGGESTED COMPLETION

ORIGINAL COMPLETION

D&C 9/30/1963

IP:

PERMANENT WELL BORE

KB: 1161.25'

GL: 1153.75'

All Measurements From RKB

Legal: 420' FSL, 715' FWL, SE/4

Sec. 11-27N-5E, Osage Co. Ok.

8 5/8" @ 119'

INITIAL TREATMENT:

10/22/1963 Acidize with 125 gals Mud Acid

8 5/8" 32# @ 119' Cemented W/
90 Sks Reg Cmt, TOC @ Surface.

4 1/2" 9.5# @ 3,020' cmt'd w/75 sxs
regular cmt. 1" cmt to surface in
4 1/2"-8 5/8" annulus w/175 sxs.

5/21/1989 Install FLMD

2/13/08: Ran 95 jts 3 1/2" 9.5# liner
(bottom 4 jts chrome lined) @ 2,995'
w/150 sxs regular cmt.

1/14/14: Set 3 1/2" Arrow pkr @ 2,952'
on 90 jts of 2 1/16" coated tubing.

TOC: on 4 1/2" @ 1,800'

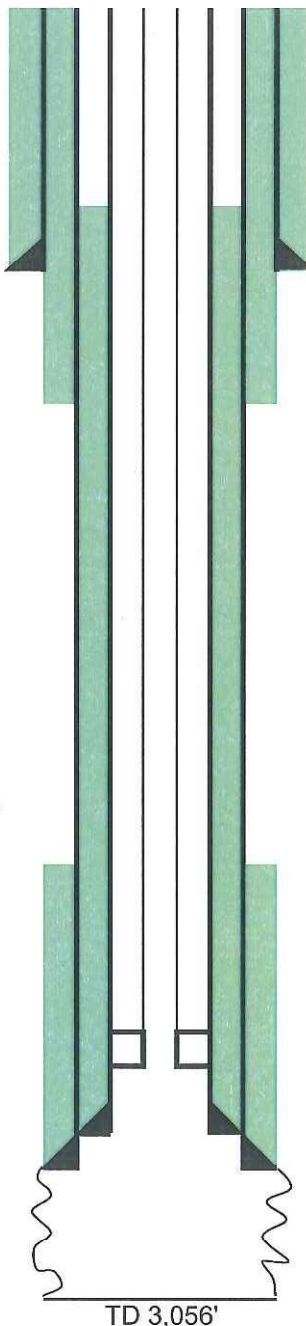
BURBANK FORMATION

3,010'-3,055'

COMPLETED OPEN HOLE

3 1/2" Liner @ 2,995'

4 1/2" @ 3,020'



CHAPARRAL ENERGY

SHIDLER DISTRICT

WELL COMPLETION SKETCHES

N.B.U.17-W25

WELL

NORTH BURBANK UNIT

FIELD

2/12/2014

DATE

PRESENT COMPLETION

SUGGESTED COMPLETION

PERMANENT WELL BORE

KB: 1143'

GL: 1136'

All Measurements From RKB

Legal: 345' FNL, 565' FWL, SW/4
Sec. 12-27N-5E, Osage Co. Ok.

8 5/8" 32# @ 111' Cemented W/
90 Sks Reg Cement

4 1/2" 9.5# @ 2,982' cemented w/
75 Sks reg. 30% Diacel D

11/4/08, Cement 3 1/2" liner @
2,955' W/ 150 sks reg cement. 2%
gel. Cement down 1" @ 320' to
surface W/ 150 sks reg cement.

01/09/2014, RIH w/2-1/16" injection
string & 3-1/2" pkr & 3-1/2" "
Set @ 2,922'

BURBANK FORMATION
2,972'-3,026'

COMPLETED OPEN HOLE

Well Class: Injection

ORIGINAL COMPLETION

D&C 10/20/1963

IP:

8 5/8" @ 111'

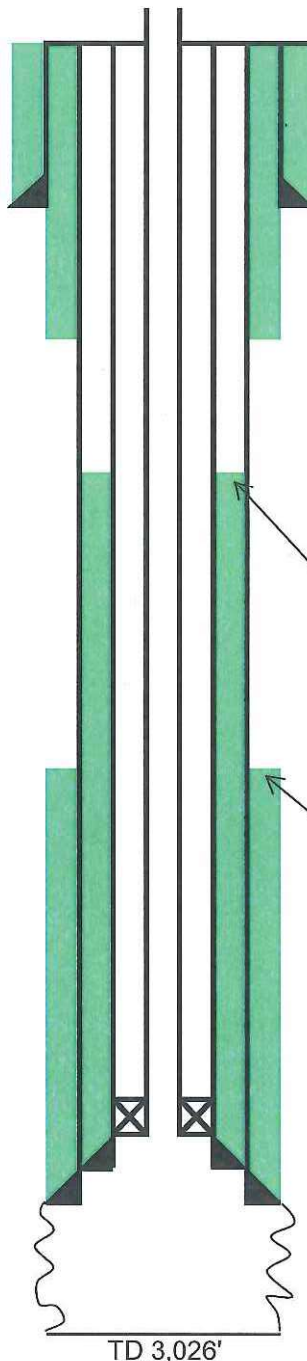
INITIAL TREATMENT:

10/22/1963 Acidize with 125
gals 15% HCL

TOC: on 3-1/2" @ 1200' calc

TOC: on 4 1/2" @ 1,700'

4 1/2" @ 2,982'



CHAPARRAL ENERGY

SHIDLER DISTRICT

WELL COMPLETION SKETCHES

N.B.U. 23W28

NORTH BURBANK UNIT

2/11/2014

WELL

FIELD

DATE

PRESENT COMPLETION

SUGGESTED COMPLETION

PERMANENT WELL BORE

KB: 1,124.05'

GL: 1,115.47'

Legal: 420' FNL, 75' FEL, NW/4 sec
14-27N-5E, Osage Co, Ok.

8-5/8" @ 121' w/ 105sxs

4-1/2" @ 3016' w/ 110sxs 30% DD
TOC @ 1675'

4/13/2011, Run 101 jts 3 1/2" liner
bottom 3 jts are chrome. Cement W/
150 sks reg cement 2% gel @ 2,963'
cement down 1" @ 320 between 4 1/2"
& 8 5/8" W 150 sks reg, cement to surface.

02/09/2014, RIH w/92 jts 2 1/16" tbg
W/ Arrow pkr set @ 2943'

ZONE:
BURBANK FORMATION
3'006' to 3,048'

ORIGINAL COMPLETION

WELL CLASS: INJECTION

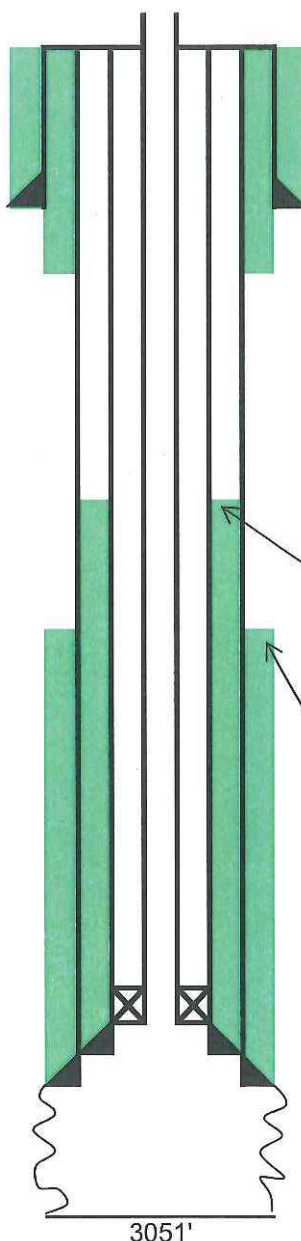
DATA ON THIS COMPLETION

D&C. 12/19/1962

I.P. 303 bwpd on vav.

INITIAL TREATMENT

1/10/1963, 125 gals mud acid



3 1/2" @ 2,963'
TOC @ 1400' Calc

4 1/2" @ 3,016'
TOC @ 1,675'

3051'

CHAPARRAL ENERGY SHIDLER DISTRICT

WELL COMPLETION SKETCHES

N.B.U. 24W27

NORTH BURBANK UNIT

2/12/2014

WELL

FIELD

DATE

E.P.A.# OSO265

PRESENT COMPLETION

SUGGESTED COMPLETION

PERMANENT WELL BORE

KB: 1143'

GL: 1135'

Legals

Sec 14-27N-5E

8-5/8" 32# @ 124' w/ 105 sxs

4-1/2" 9.5# @ 3002' w/ 135sxs
20% Diacel D

Run 3 1/2" liner, 9.2#
bottom 3 jts are chrome. Cement W/
250 sxs reg cement 2% gel @ 2,891'
Ran 301' of 1" tbg between
4 1/2" & 8 5/8" & cement W/ 134 sxs
reg cement to surface.

01/24/2014. RIH w/2-1/16" inj string
& 3-1/2" Arrow pkr set @ 2883'

ZONE:
BURBANK FORMATION
3002'-3041'

ORIGINAL COMPLETION

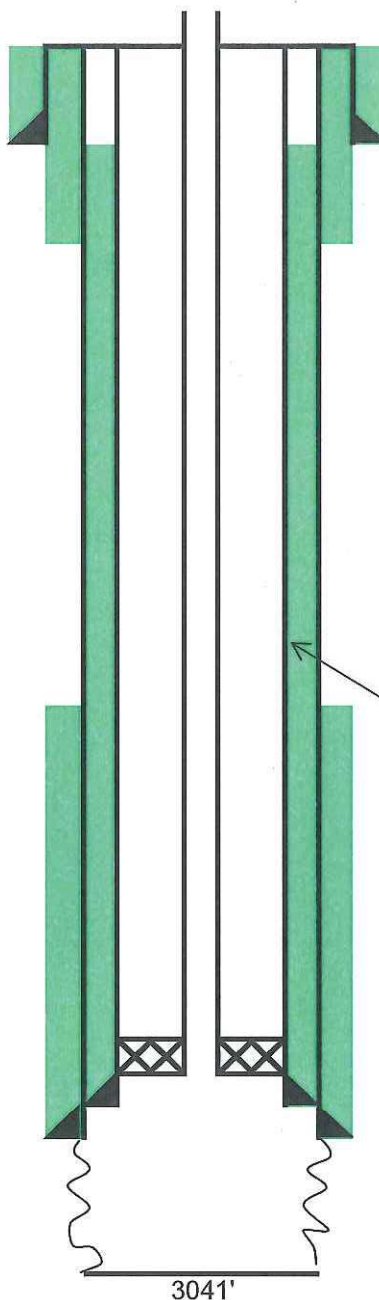
WELL CLASS: Injection

DATA ON THIS COMPLETION

D&C. 11/24/1962

I.P.

INITIAL TREATMENT



3-1/2" liner @ 2891'
TOC: 330 Calc

CHAPARRAL ENERGY SHIDLER DISTRICT

WELL COMPLETION SKETCHES

N.B.U. 25-W41

NORTH BURBANK UNIT

2/13/2014

WELL

FIELD

DATE

PRESENT COMPLETION

ORIGINAL COMPLETION

SUGGESTED COMPLETION

WELL CLASS: **Injection**

PERMANENT WELL BORE

KB: 1135'

GL: 1123'

Legals 330' FNL & 660' FWL

NW/4 Sec 13-27N-5E

DATA ON THIS COMPLETION

D&C. 06/04/2013

I.P.

INITIAL TREATMENT

8-5/8" 24# J-55 @ 510' w/ 285 sxs
class A. Cement to surface

5-1/2" 17# J-55 & 17# chrome @
3185' w/180 sxs reg cement

TOC @ 2,180'

05/08/2012. RIH w/2-3/8" 70 XT-TK
& 5-1/2" Arrow set pkr @ 2970'

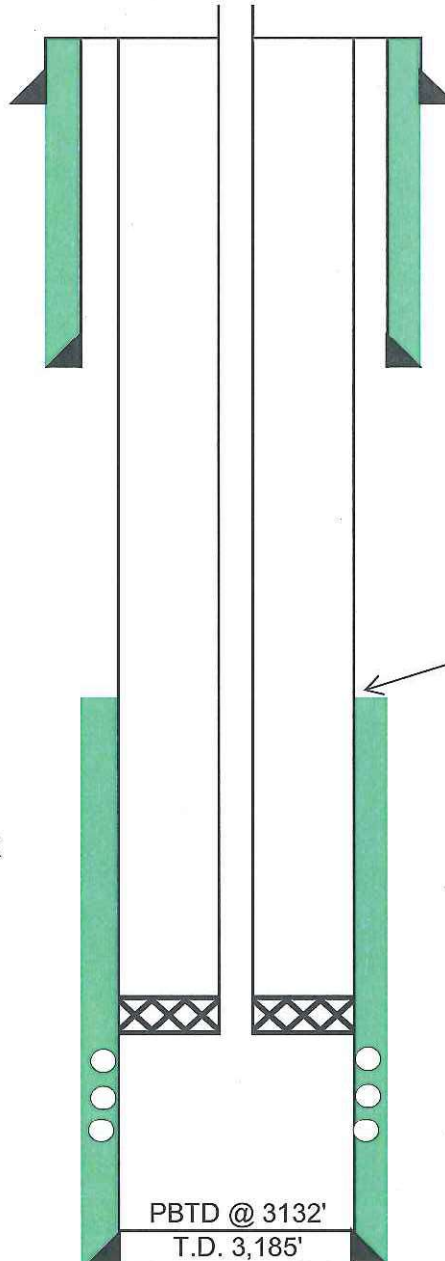
ZONE:

BURBANK FORMATION

3006'-3042' w/ 2 SPF

PBTD @ 3132'

T.D. 3,185'



CHAPARRAL ENERGY

SHIDLER DISTRICT

WELL COMPLETION SKETCHES

N.B.U 31W25

WELL

NORTH BURBANK UNIT

FIELD

2/13/2014

DATE

■ PRESENT COMPLETION
 ____ SUGGESTED COMPLETION

PERMANENT WELL BORE

KB: 1177'

GL: 1169'

Legals 420' FNL & 565' FWL

SW/4 Sec 14-27N-05E

8-5/8" csg set @ 110' & cemented
 w/ 105 sks reg cmt to surface

4-1/2" 9.5# Set @ 3080' KB
 Cmt'd W/190 sxs reg cmt
 30% DD.

06/15/2004. Run 3 1/2" liner &
 Set @ 3,062. Cemented w/150 sks
 reg cmt w/2% gel
 06/02/2004. Squeeze holes in 4-1/2"
 @ 344' w/75 sks reg & circulated
 cement to surface.

02/11/2014, RIH 3 1/2" Stainless
 Arrow pkr on 2-1/16" Tk-70 tbg
 Set pkr @ 2975'

ZONE:
 BURBANK FORMATION
 3070'---3115'

SAND:
 COMPLETED OPEN HOLE

____ ORIGINAL COMPLETION

Well Class: injection

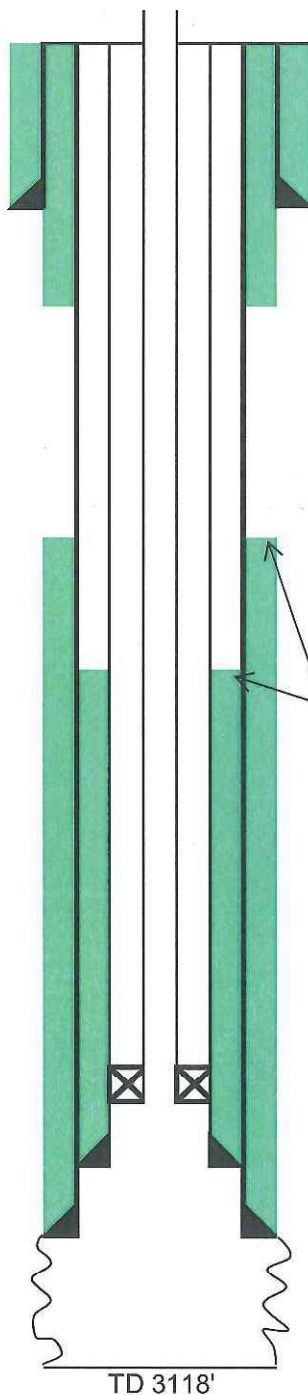
DATA ON THIS COMPLETION

D&C 3-5-62

IP:

INITIAL TRTMNT:

PUT ON INJECTION 5-7-62



4-1/2" csg @ 3,080'
 TOC: 1725' Temperature Survey

3-1/2" liner @ 3,062'
 TOC: 1500 Calc

TD 3118'

CHAPARRAL ENERGY SHIDLER DISTRICT

WELL COMPLETION SKETCHES

N.B.U. 31-43 (Inj)

NORTH BURBANK UNIT

2/13/2014

WELL

FIELD

DATE

PRESENT COMPLETION

SUGGESTED COMPLETION

PERMANENT WELL BORE

KB: 1158'

GL: 1146'

Legals 990' FSL & 1980' FWL

SW/4 Sec 14-27N-5E

9-5/8" 36# J-55 @ 546' w/ 240sxs
TOC @ surface

7" 26# J-55 @ 3182' w/ 200sxs
TOC @ 1275' CBL

01/04/2014. RIH w/2-3/8" Tk-70XT
& 7" Arrow set pkr set @ 3019'

ZONE:
BURBANK FORMATION
3054'-3094' w 2SPF

ORIGINAL COMPLETION

WELL CLASS: Injection

DATA ON THIS COMPLETION

D&C. 10/12/2012

I.P.

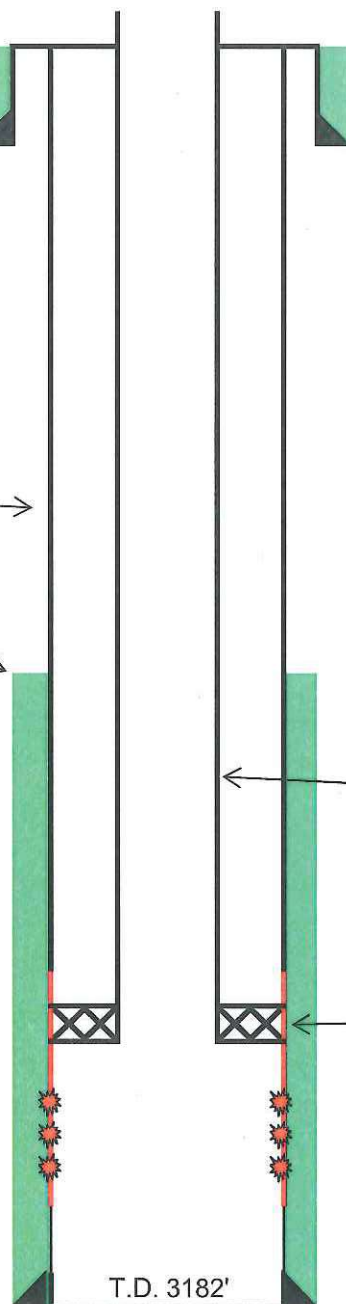
INITIAL TREATMENT

Acidize Burbank w/1500 bbls
of 15% NEFE acid

2-3/8" TK-70XT

7" Arrowset 1X w/1.50XN-K nipple
Set packer @ 3,018'

T.D. 3182'



CHAPARRAL ENERGY

SHIDLER DISTRICT

WELL COMPLETION SKETCHES

N.B.U 32W27
WELL

NORTH BURBANK UNIT
FIELD

2/13/2014
DATE

■ PRESENT COMPLETION
___ SUGGESTED COMPLETION

PERMANENT WELL BORE

KB: 1124'

GL: 1115'

ALL MEASUREMENT FROM KB.

420' FNL, 715' FEL, SE/4 Sec.

SE/4 SEC.14-27N-5E

14-27N-5E, Osage Co, OK.

SURFACE PIPE 8 5/8 OD

SET AT 118' CMT W/110 SXS

COMMON

4 1/2" 9.5# SET AT 3007' KB

CMT W/135SXS COMMON

30% DD.

8/27/08, Cement 3 1/2" liner @

2,971' & cement W/ 150 sks reg

2% gw, run 290' 1" between 8 5/8"

& 4 1/2", cement to surface W/

150 sks reg cement.

01/22/2014. RIH w/2-1/16" Inj string

& 3 1/2" packer set @ 2,950'

ZONE:

BURBANK FORMATION

2997'---3042'

SAND:

COMPLETED OPEN HOLE

___ ORIGINAL COMPLETION

DATA ON THIS COMPLETION

D&C 3-14-62

IP:

INITIAL TRTMNT:

PUT ON INJECTION 7-8-62

